

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/010338

A. CLASSIFICATION OF SUBJECT MATTER  
Int. Cl.<sup>7</sup> H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.<sup>7</sup> H04B1/707

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

|                           |           |                            |           |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho       | 1922-1996 | Jitsuyo Shinan Toroku Koho | 1996-2005 |
| Kokai Jitsuyo Shinan Koho | 1971-2005 | Toroku Jitsuyo Shinan Koho | 1994-2005 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| X<br>A    | JP 2001-16139 A (ETRI: Electronics and Telecommunications Research Institute),<br>19 January, 2001 (19.01.01),<br>Claim 1; Figs. 2 to 4, 8, 9<br>& JP 3601816 B2<br>15 December, 2004 (15.12.04),<br>& GB 2352944 B<br>11 February, 2004 (11.02.04),<br>& KR 406531 B<br>22 November, 2003 (22.11.03),<br>& GB 2352944 A<br>07 February, 2001 (07.02.01),<br>& DE 10027216 A1<br>01 February, 2001 (01.02.01),<br>& KR 77491 A<br>26 December, 2000 (26.12.00), | 1, 2<br>3-16          |

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"&amp;" document member of the same patent family

Date of the actual completion of the international search  
21 June, 2005 (21.06.05)Date of mailing of the international search report  
05 July, 2005 (05.07.05)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
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| A         | 3GPP, 3GPP TR 25.896 V6.0.0, 2004.03,<br>pages 35 to 53   | 1-16                  |
| A         | JP 2004-80734 A (LG Electronics Inc.),<br>11 March, 2004 (11.03.04),<br>Full text; all drawings<br>& KR 4016167 A<br>21 February, 2004 (21.02.04),<br>& CN 1487688 A<br>07 April, 2004 (07.04.04),<br>& KR 452512 B<br>13 October, 2004 (13.10.04),<br>& EP 1389844 A1<br>18 February, 2004 (18.02.04)  | 1-16                  |
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| A         | Akihiro FUJIWARA et al., "W-CDMA System ni<br>okeru Henkei HPSK Kakusan Hencho", The Transactions<br>of the Institute of Electronics, Information<br>and Communication Engineers", Vol.J83-A, No.12,<br>25 December, 2000 (25.12.00), pages 1552 to<br>1557   | 1-16                  |